

FIG. 2 600

FIG.2

JAN CODE	TRADE NAME	MAKER CODE	MANUFACTURER'S RECOMMENDED RETAIL PRICE	COMMODITY IMAGE	COMMODITY CATEGORY CODE	COMMODITY SIZE	COMMODITY WEIGHT	COM-BINATION FLAG	QUANTITY
493132935711	PAPER DIAPER S	M0001	2300	km.gif	C0001	20	0.5	0	1

FIG.3

610

COMMODITY CATEGORY CODE	COMMODITY CATEGORY	REFERENCE
C0001	DAILY GOODS	XXXX

FIG.4

620

MAKER CODE	MAKER NAME	ADDRESS
M0001	XX MAKER MANUFACTURING COMPANY	XX, TOKYO

FIG.5

630

SHOP CODE	SHOP NAME	SHOP MUNICIPAL CODE	ADDRESS	TELEPHONE NUMBER
S0001	SUPERMARKET A	12345	XX, TOKYO	03-3333-4444

FIG.6

640

SHOP CODE	ID OF PERSON IN CHARGE	SECTION-IN-CHARGE NAME	PERSON-IN-CHARGE NAME	TELEPHONE NUMBER	E-MAIL
C0001	R0001	ELECTRONIC COMMERCE SECTION	TARO NIPPON	03-5555-6666	info@xxx.com

FIG.7

650

SHOP CODE	JAN CODE	SELLING PRICE	UPDATE DATE	THE NUMBER OF STOCKS	ORDER FLAG
C0001	493132935711	1800	2001/3/1	500	1

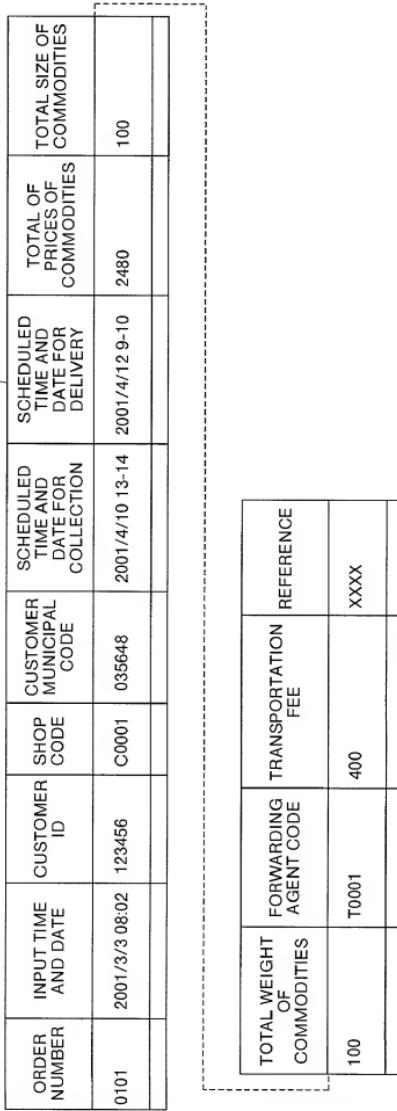
FIG.8

660

SHOP CODE	MUNICIPAL CODE	TRANSPORTATION FEE	TRANSPORTATION POSSIBLE/IMPOSSIBLE FLAG
C0001	320001	560	1

FIG.9

670



The diagram illustrates a data structure with two tables. A bracket on the left side groups the top table and the bottom table. The top table is a detailed view of an order, and the bottom table is a summary table.

ORDER NUMBER	INPUT TIME AND DATE	CUSTOMER ID	SHOP CODE	CUSTOMER MUNICIPAL CODE	SCHEDULED TIME AND DATE FOR COLLECTION	TOTAL OF PRICES OF COMMODITIES	TOTAL SIZE OF COMMODITIES
0101	2001/3/3 08:02	123456	C0001	035648	2001/4/10 13:14	2480	100

TOTAL WEIGHT OF COMMODITIES	FORWARDING AGENT CODE	TRANSPORTATION FEE	REFERENCE
100	T0001	400	xxxx

FIG.10

680

ORDER NUMBER	JAN CODE	SELLING PRICE	COMMODITY SIZE	COMMODITY WEIGHT
0101	493132935712	1800	30	0.5

FIG.11

690

ORDER NUMBER	SHOP MUNICIPAL CODE	FORWARDING AGENT CODE	SERVICE CODE	TRANSPORTATION FEE	SCHEDULED TIME AND DATE FOR COLLECTION	SCHEDULED TIME AND DATE FOR DELIVERY	REFERENCE
0101	654321	T0001	S0001	400	2001/4/10 13-14	2001/4/12 9-10	XXXX

FIG.12

700

CUSTOMER ID	PASSWORD	NAME	ADDRESS	TELEPHONE NUMBER	CUSTOMER MUNICIPAL CODE	E-MAIL
12345	7569a	ICHIRO SUZUKI	2-2-2 OTEMACHI CHIYODA-KU, TOKYO	03-3548-2222	035648	ichi@taji

FIG.13

710

FORWARDING AGENT CODE	NAME OF FORWARDING AGENT	ADDRESS	TELEPHONE NUMBER	SHOP MUNICIPAL CODE	CUSTOMER MUNICIPAL CODE	SIZE	WEIGHT	TRANSPORTATION FEE
T0001	FORWARDING AGENT A	XXX, TOKYO	03-2345-6789	654321	035648	100	2	400

FIG. 14

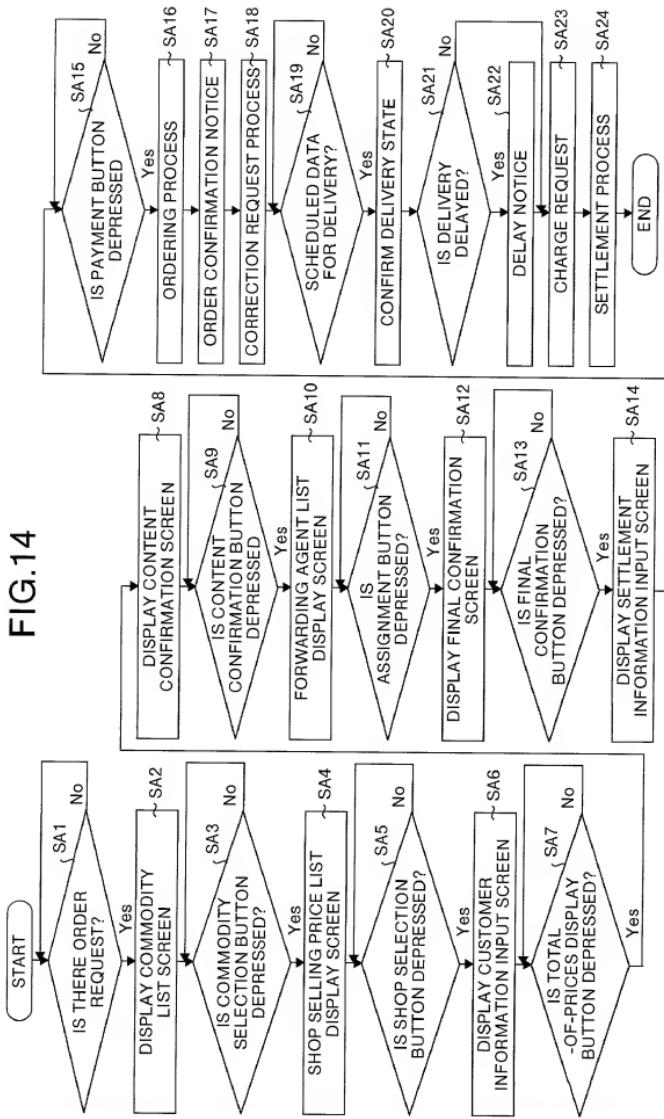


FIG. 15

800

TRADE NAME	JAN CODE	MANUFACTURER'S RECOMMENDED RETAIL PRICE	ORDER	QUANTITY
PAPER DIAPER S	493132935711	¥2,000-	<input type="checkbox"/>	
PAPER DIAPER M	493132935712	¥2,200-	<input checked="" type="checkbox"/>	1 ▶ 2 3
PAPER DIAPER L	493132935713	¥2,800-	<input type="checkbox"/>	
PAPER OF Z CORPORATION	495426805416	¥100-	<input type="checkbox"/>	
FIVE SETS OF PAPER OF Z CORPORATION	495426805416 × 5	¥500-	<input type="checkbox"/>	
PAPER OF Y CORPORATION	496436805420	¥100-	<input type="checkbox"/>	
FIVE SETS OF PAPER OF Y CORPORATION	496436805420 × 5	¥500-	<input type="checkbox"/>	
				THE COMMODITY WILL BE PURCHASED
				801

FIG.16

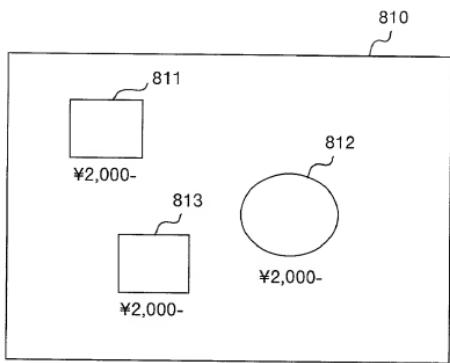


FIG.17

820

※INTENTIONALLY NOT DISPLAYED

MANUFACTURER'S RECOMMENDED RETAIL PRICE	P SUPERMARKET	S STORE	Q DRUG CHAIN STORE
PAPER DIAPER M 493132935712	¥ 2, 3 0 0 —	¥ 2, * * * —	¥ 2, * * * —
FIVE SETS OF PAPER OF Z CORPORATION 495426805416 ×5	¥ 5 5 0 —	¥ * * * —	¥ * * * —
TOTAL	¥ 2, 8 5 0 —	¥ 2, 5 8 0 —	¥ 2, 4 8 0 —

PURCHASE
COMMODITY
IN THIS SHOP

PURCHASE
COMMODITY
IN THIS SHOP

PURCHASE
COMMODITY
IN THIS SHOP

822 823 823

FIG.18

831	MANUFACTURER'S RECOMMENDED RETAIL PRICE	832	CUSTOMER INFORMATION
	S STORE		NAME ADDRESS TELEPHONE NUMBER email
PAPER DIAPER M	493132935712	¥ 2, 3 0 0 —	¥ 1, * * * —
FIVE SETS OF PAPER OF Z CORPORATION		495426805416 × 5	¥ 5 5 0 —
TOTAL		¥ 2, 8 5 0 —	¥ 2, 4 8 0 —
COMMODITY WEIGHT	2kg	DESIRED DATE FOR DELIVERY	
COMMODITY SIZE	LENGTH+WIDTH+HEIGHT=100cm	DESIRED TIME	
DISPLAY TOTAL OF PRICES INCLUDING DELIVERY FEE			
833			

FIG.19

841 ↗	MANUFACTURER'S RECOMMENDED RETAIL PRICE	STORE	CUSTOMER INFORMATION	842 ↘
	PAPER DIAPER M 493132935712	¥ 2, 3 0 0 —	¥ 1, * * * —	NAME ICHIRO SUZUKI
	FIVE SETS OF PAPER OF Z CORPORATION 495426805416 X5			ADDRESS 2-2-2 OTEMACHI CHIYODA-KU 03-3548-2222
	TOTAL ¥ 2, 8 5 0 —			TELEPHONE NUMBER ichi@fujitsu.com
	COMMODITY WEIGHT COMMODITY SIZE	2kg LENGTH+WIDTH+HEIGHT=100cm	DESIRED DATE FOR DELIVERY 2001/04/12	DESIRED TIME 9-11 a.m.
				CONTENT CONFIRMATION 843 ↗

FIG.20

850

851

852

STORE

MANUFACTURER'S
RECOMMENDED
RETAIL PRICE

S

CUSTOMER
INFORMATION

PAPER DIAPER M 493132935712 ¥ 2, 3 0 0 – ¥ 1, * * * –

FIVE SETS OF PAPER
OF Z CORPORATION 495426805416 X5 ¥ 5 5 0 – ¥ * * * –

TOTAL ¥ 2, 8 5 0 – ¥ 2, 4 8 0 –

COMMODITY WEIGHT 2kg
COMMODITY SIZE LENGTH+WIDTH+HEIGHT=100cm

NAME

ADDRESS

TELEPHONE
NUMBER

email

DESIRED DATE
FOR DELIVERY

DESIRED TIME

ICHIRO SUZUKI
2-2-2 OTEMACHI
CHIYODA-KU
03-3548-2222
ichi@fujitsu.com
2001/04/12
9:11 a.m.

CONCERNING DELIVERY

DELIVERY CANNOT BE PERFORMED BY
S STORE ITSELF CONNECT TO SYSTEM

CONTENT
CONFIRMATION

853

FIG.21

861	MANUFACTURER'S RECOMMENDED RETAIL PRICE	STORE	CUSTOMER INFORMATION	862
PAPER DIAPER M	493132935712	¥ 2 , 3 0 0 —	¥ 1 , * * * —	ICHIRO SUZUKI
FIVE SETS OF PAPER OF Z CORPORATION	495426805416 ×5	¥ 5 5 0 —	¥ * * * —	2-2-2 OTEMACHI CHIYODA-KU
TOTAL		¥ 2 , 8 5 0 —	¥ 2 , 4 8 0 —	03-3548-2222
COMMODITY WEIGHT	2kg	TELEPHONE NUMBER		
COMMODITY SIZE	LENGTH+WIDTH+HEIGHT=100cm	email	ichi@fujitsu.com	

863	CONCERNING DELIVERY			
FORWARDING AGENT A				
NEAREST SHOP				
OTEMACHI BRANCH				
03-1234-5678				
KANTO→KANTO 100 ¥700-				
COMMODITY PRICE				
+DELIVERY FEE=				
¥3,180-				
FORWARDING AGENT B				
NEAREST SHOP				
KANDA OFFICE				
03-333-3333				
CHIYODA-KU→CHIYODA-KU ¥400-				
COMMODITY PRICE				
+DELIVERY FEE=				
¥2,880-				
CHIYODA-KU→CHIYODA-KU ¥700-				
COMMODITY PRICE				
+DELIVERY FEE=				
¥3,180-				
864	ASSIGN TO THIS AGENT	865	ASSIGN TO THIS AGENT	866
ASSIGN TO THIS AGENT				

FIG.22

870

MANUFACTURER'S RECOMMENDED RETAIL PRICE		STORE		CUSTOMER INFORMATION	
PAPER DIAPER M	493132935712	¥ 2, 3 0 0 —	¥ 1, * * * —	NAME	ICHIRO SUZUKI
FIVE SETS OF PAPER OF 2 CORPORATION		495426805416 × 5	¥ 5 5 0 —	ADDRESS	2-2-2 OTEMACHI CHIYODA-KU
TOTAL		¥ 2, 8 5 0 —	¥ 2, 4 8 0 —	TELEPHONE NUMBER	03-3548-2222
COMMODITY WEIGHT		2kg		email	ichi@fujiitsu.com
COMMODITY SIZE		LENGTH+WIDTH+HEIGHT=100cm		DESIRED DATE FOR DELIVERY	2001/04/12
				DESIRED TIME	9:11 a.m.

CONCERNING DELIVERY					
B FORWARDING AGENT					
NEAREST SHOP KANDA OFFICE					
03-3333-3333					
CHIYODA-KU→CHIYODA-KU ¥400-					
COMMODITY PRICE +DELIVERY FEE =>12,880-					
871					
FINAL CONFIRMATION					

FIG.23

880

881	MANUFACTURER'S RECOMMENDED RETAIL PRICE	STORE	CUSTOMER INFORMATION	882
	¥ 2, 3 0 0 —	¥ 1, * * * —	NAME	ICHIRO SUZUKI
	¥ 5 5 0 —	¥ * * * —	ADDRESS	2-2-2 OTEMACHI CHIYODA-KU
			TELEPHONE NUMBER	03-3548-2222
			email	ichi@fujitsu.com
	COMMODITY WEIGHT	2kg	DESIRED DATE FOR DELIVERY	2001/04/12
	COMMODITY SIZE	LENGTH+WIDTH+HEIGHT=100cm	DESIRED TIME	9-11 a.m.
883	CONCERNING DELIVERY	B FORWARDING AGENT	COMMODITY PRICE +DELIVERY FEE=¥2,880-	
		NEAREST SHOP KANDA OFFICE		
		03-3333-3333		
	CHIYODA-KU→CHIYODA-KU	¥400-	AMOUNT TO BE PAID IS ¥2,880-.	
884	CARD NUMBER			
	CARD NAME			
	TERM OF VALIDITY			885
			PAYMENT	

TRANSMITTER	PERSON IN CHARGE OF TRANSPORTATION ARRANGEMENT	
TITLE	NOTICE OF ARRANGEMENT PERFORMED BY TRANSPORTATION NAVIGATION SYSTEM	
TRANSMISSION TIME AND DATE	2001/04/10 9:30	
<p>Mr. SUZUKI</p> <p>ACCORDING TO DESIGNATED ASSIGNMENT, FORWARDING AGENT IN CHARGE: B FORWARDING AGENT</p> <p>COMMODITIES BOUGHT IN S STORE PAPER DIAPER M FIVE SETS OF PAPER OF Z CORPORATION TOTAL</p> <p>¥1,980- ¥500- ¥2,480-</p> <p>ARE DELIVERED AT DELIVERY FEE: ¥400-</p> <p>AMOUNT TO BE PAID IS ¥2,880-. AMOUNT WAS PAID WITH CREDIT CARD.</p> <p>SCHEDULED DATE FOR DELIVERY IS 2001/04/12 9-11 a.m.</p> <p>THANK YOU VERY MUCH FOR YOUR PURCHASE. WE HOPE YOU WILL HONOR TRANSPORTATION NAVIGATION WITH YOUR PATRONAGE. THE NUMBER OF PRIVILEGED MILES AT PRESENT TIME IS 18 MILES.</p>		

FIG.24

FIG.25

TRANSMITTER	PERSON IN CHARGE OF TRANSPORTATION ARRANGEMENT
TITLE	NOTICE OF DELIVERY DELAY CAUSED BY TRANSPORTATION NAVIGATION SYSTEM
TRANSMISSION TIME AND DATE	2001/04/12 7:30

Mr. SUZUKI

CONCERNING COMMODITY IN S STORE
 FORWARDING AGENT IN CHARGE:
 B FORWARDING AGENT
 NEAREST SHOP
 OTEMACHI BRANCH 03-1234-5678
 TRANSPORTATION FEE: KANTO→KANTO ¥400
 WE COMPLETED CORRECTION AT DESIGNATED TIME,
 ON SCHEDULE.

FORWARDING AGENT IN CHARGE:
 A FORWARDING AGENT
 NEAREST SHOP

YOKOHAMA-NISHI BRANCH 045-123-5678
 ALTHOUGH YOUR COMMODITY ARRIVED AT THE DELIVERY SHOP,
 YOUR COMMODITY WILL BE DELIVERED ONE HOUR BEHIND SCHEDULE BECAUSE OF
 TRAFFIC JAM.
 CHANGED TIME AND DATE FOR DELIVERY ARE 11:00, 2001/04/12.
 I AM SORRY, PLEASE EXCUSE ME FOR DELAY.

TRANSPORTATION NAVIGATION SYSTEM
 PERSON IN CHARGE OF TRANSPORTATION ARRANGEMENT
 ISHII 03-3348-3333
 ishi@tr-navi.com

DELIVERY CONTENT

DEPOSITORY:XXX, TOKYO
 03-3548-4343
 S STORE

FIG.26

